KEH, Z.

Decree of the Minister of Heavy Industry, no.129 of July 26, 1961 regarding a closer cooperation between sections of the Ministry of Heavy Industry and technical associations united in the Chief Technical Organization. Przegl mech 20 no.18:571 S '61.

Immunology

BULGARIA

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KEHAYOV, I., Laboratory of Cytoimmunology, Institute of Microbiology, Bulgarian Academy of Sciences

"Studies on Antigenic Relations Between Guinea Pig Kidney and Lung"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 12, 1966, pp 1219-1222

Abstract: [English article] The treatment of guinea pigs with rabbit anti-guinea-pig-kidney serum raises the percentage of localization of the tuberculous infection in the kidney (I. R. Kekhayov, P"rvi kongres na mikrobiolozite v B"lgariya, Izd. BAN, 1965). The same phenomenon was established, although to a lesser degree, in the treatment of guinea pigs with heterologic anti-lung serum, which may be ascribed to the existence of antigen(s) common to kidney and lungs. The present communication contains some results of further studies on the antigenic relationship between the quinea pig's kidney and lung. Following a brief description of the materials (young rabbits) and methods used, it gives a detailed description and discussion of the results. An analysis of the data indicates that the complement-fixation test and the agar-gol precipitation test disclose that the antigenic mosaic of the guinea pig lung contains an antigen(s) common to the kidney antigens. This antigenic kinship of the two organs is considered significant for the specific organotropism of the tuberculous infection. References: 2 Bulgarian, 1 Soviet, and 7 Western. (Manuscript received 7 tul 66.)

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KEHIAIAN, ILAKY

monoacidic base, from which special and approximation formulas of the literature may be derived. W.

RUMANIA/Physical Chemistry - Solutions, Theory of Actual

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 3935.

Author ROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721420009-6"

: General Study of Protolytic Equilibrium. II. Chemical Equi-Title

librium in Aqueous Solution of Acid and Base Mixture.

Orig Pub: Studii si cercetari chim., 1957, 5, No 1, 35-49.

Abstract: The equation of chemical equilibrium and its application to solutions of acids, bases and amphoteric substances (protolytes) was studied. The case of aqueous solutions produced by a mixture of polybasic acids and polybasic bases is discussed. The derived equation is a generalization of the equa-

tion derived earlier (part I, RZhKhim, 1956, 32081).

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-7-

RUMANIA/Physical Chemistry - Solutions, Theory of Acids and Bases.

B-11

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 3936.

: Henry V. Kehiaian. Author

Inst Title : Composition of Boric Acids and Alkali Borates in Aqueous Solutions. I. Appendix to General Study of Protolytic

KEHIAIAN, H.

Studies on the liquid—liquid equilibrium. Pts. 1-3. Biul chim PAN 10 no.10:569-589 '62.

1. Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw. Presented by W. Swietoslawski.

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Thermodynamics of chemically reacting mixtures. Pts. 1-3. Bul chim PAN 11 no.8:479-496 163.

1. Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw. Presented by W. Swietoslawski.

KEHIAIAN, H.; SOSNOWSKA-KEHIAIAN, K.

Thermodynamics of chemically reacting mixtures. Pt.4. Bul chim PAN 11 no.9:549-556 163.

1. Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw. Presented by W. Swietoslawski.

KEHIAIAN, H.

Thermodynamics of chemically reacting mixtures. Pt. 7. Bul chim PAN 12 no. 1:77-83 '64.

1. Institute of Physical Chemistry, Polish Acdemy of Sciences, Warsaw. Presented by W. Swietoslawski.

KEHTATAN, H.; FAJANS, A.

Thermodynamics of chemically reacting mixtures. Pt. 8. Bul chim PAN 12 no.4:255-262 164.

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Bul thim Tan IO no.6.125-139 164.

1. Institute of Prysical Chemistry of the Polish Alademy of Sciences, Warsaw. Submitted April 17, 180.

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Thermodynamics of chemically reacting mixtures. Pt.12. Bul chim PAN 12 no.7:497-501 '64.

1. Institute of Physical Chemistry of the Polish Academy of Sciences, Warsaw. Submitted May 27, 1964.

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Thermodynamics of chemically reacting mixtures. Pt.13. Bul chim PAN 12 no.8:567-573 '64.

1. Institute of Physical Chemistry of the Polish Academy of Sciences, Warsaw. Submitted June 20, 1964.

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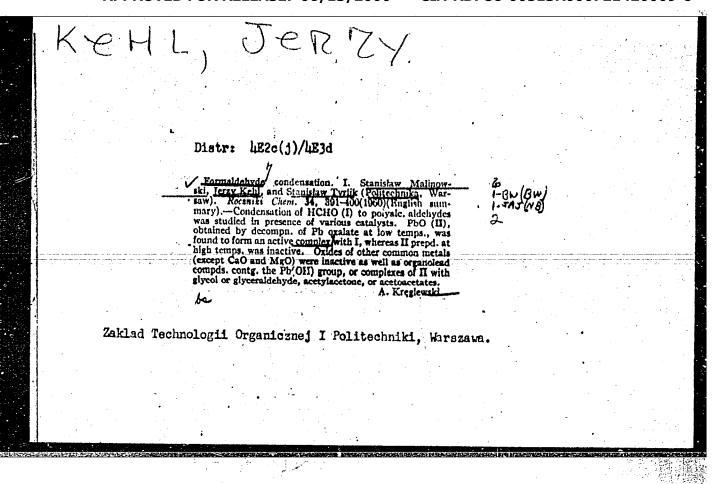
Thermodynamics of chemically reacting mixtures. Pt.14. Bul chim PAN 9[i.e. 12] no.9:675-679 '64.

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Development of telegrams from the beginning of society up to our days. PTT zbor 16 no.1/2:34-36 F *62.

KARSAY, Gyula, Dr.; KEHLI, Istvan, Dr.; KORANYI, Andras, Dr.

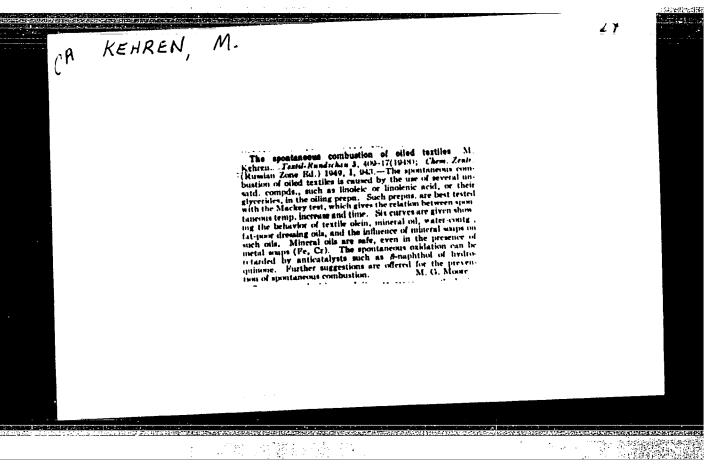
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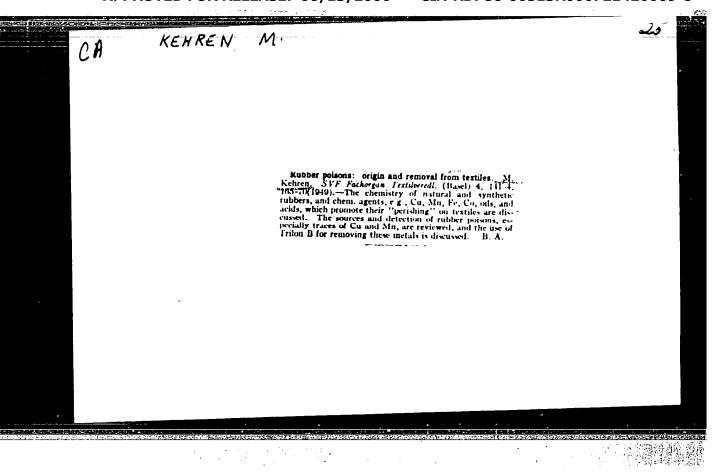
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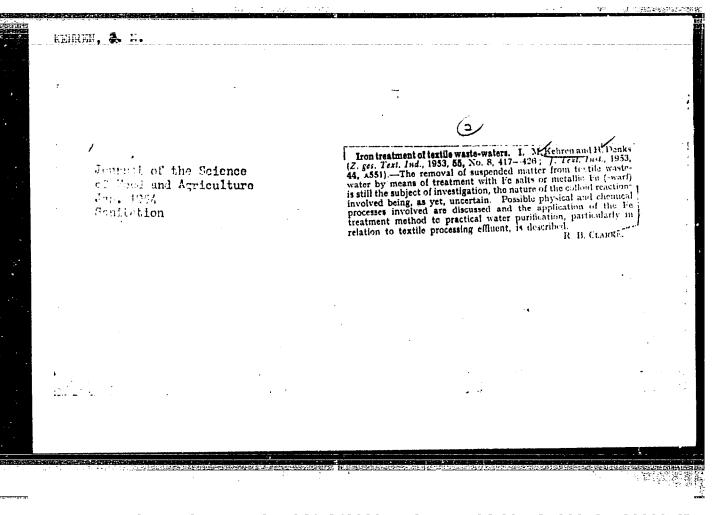
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KEHYYERDAL, Tur[Heyerdahl, Thor] (Norvegiya)

Seaways to Polynesia. Priroda 52 no.1:75-84 '63.
(MIRA 16:1)

(Polynesia—Discovery and exploration)

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Symposium on Electroacoustic Transducers. Krynica, 1958

Proceedings of the Symposium on Electroacoustic Transducers [held in] Krynica, 17-26 September, 1958. Warsaw, Panstwews Wydawnictwo Naukows, 1961. 442 p. Errata slip inserted. 630 copies printed.

Sponsoring Agency: Polish Academy of Sciences. Institute of Basic Technical Problems.

Ed. in Chief: Janusz Nacprowski, Doctor of Sciences; Editing Cormittee: Ignacy Malecki, Professor, Doctor of Sciences; Winconty Pajewski, Doctor; and Jerzy Wehr, Master of Sciences; Secretary: Juliusz Mierzejswski.

PURPOSE: This book is intended for physicists and accustical engineers.

GOVERAGE: The book is a collection of detailed research papers constituting the proceedings of a conference held in Krynica from 17 to 26 September 1958 under the auspices of the Institute of Technical Problems, Polish Academy of Sciences.

Card 1/8



Symposium on Electroscouptic Transducers

POL/5981

The following basic problems are treated: 1) theoretical research on energy transformation processes; 2) experimental development of new types of transducers; 3) electroacoustic measurements; 4) technology of piezoelectric and magnetostrictive materials; 5) construction of transducers for technical needs; and 6) design of acoustical transducer systems. No personalities are mentioned. References (if any)follow the individual articles.

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Problems of Research Work on Electroacoustic Transducers. Ignacy Malecki, President of the Conference

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Ch. 1. General Problems and Theory of Electroacoustic Transducers
1. Classification of electromechanical transformation methods in the light of the tanks faced whith the sign and construction of electroacoustic equipment. V. S. Grigor'yev

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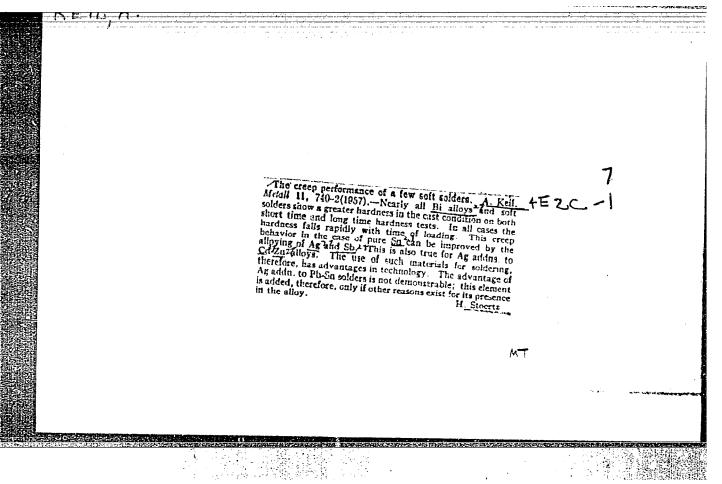
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Symposi	lum on Electroacoustic Transducers POL/5981	
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29.	Intermodulation distortion in loudspeakers. Joseph Merhaut On the behavior of second-order gradient microphones in the	274
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APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721420009-6" KEIETI, J.

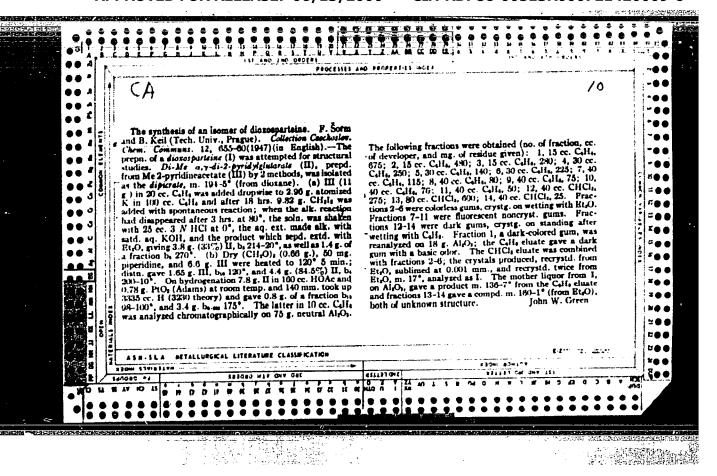
Study of the biological properties of some species of bacteria of the family Enterobacteriaceae. Cesk. farm. 13 no.3:110-114 Mr. 64.

1. Katedra biochemie a mikrobiologie farmaceutickej fakulty UK, Bratislava.



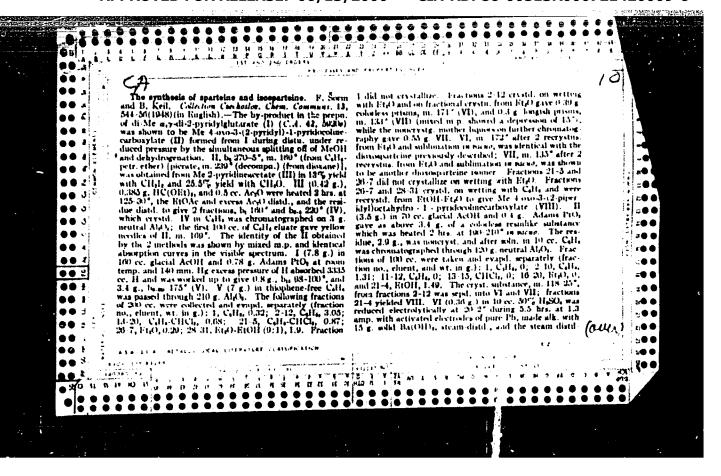
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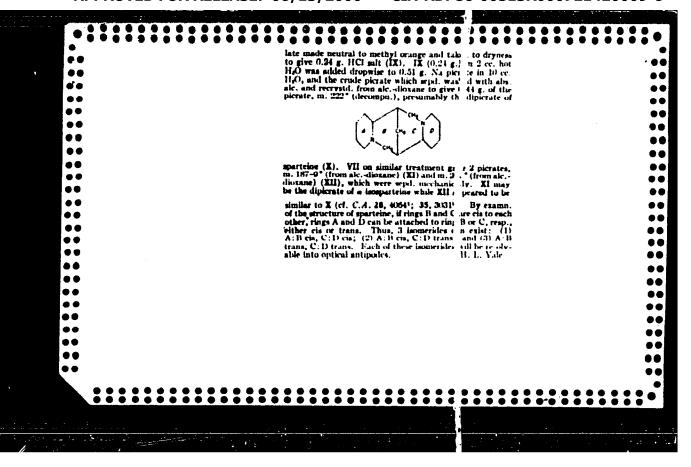
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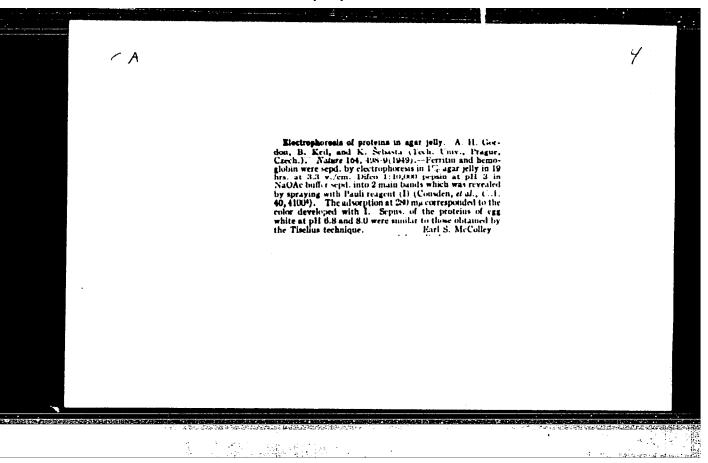


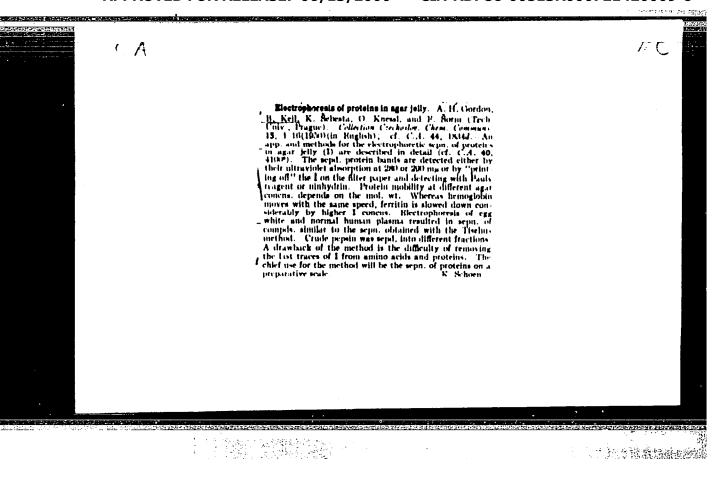
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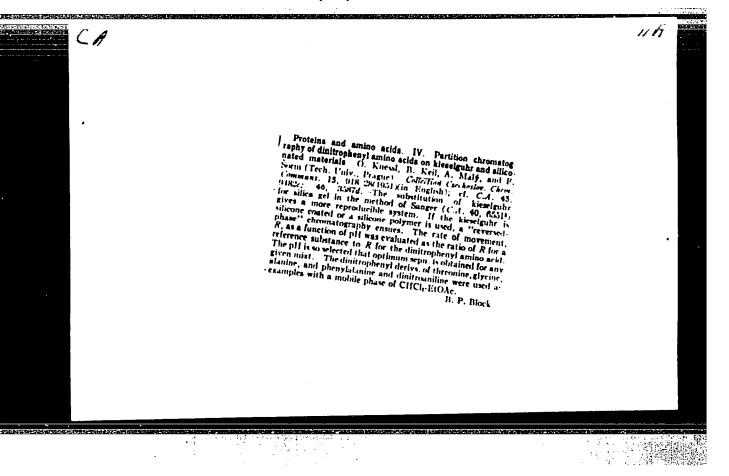
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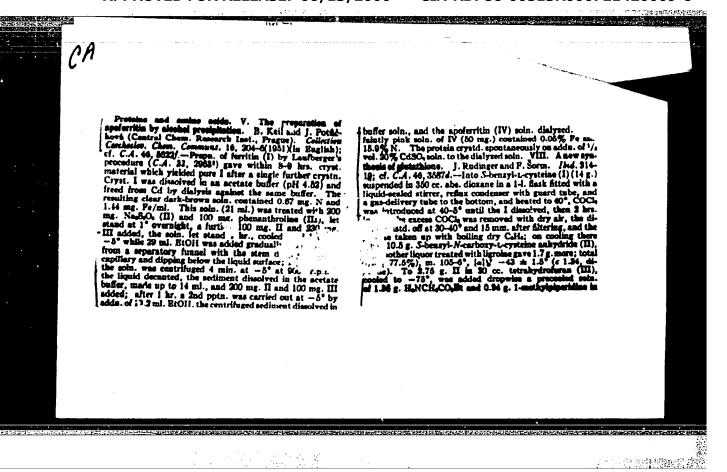


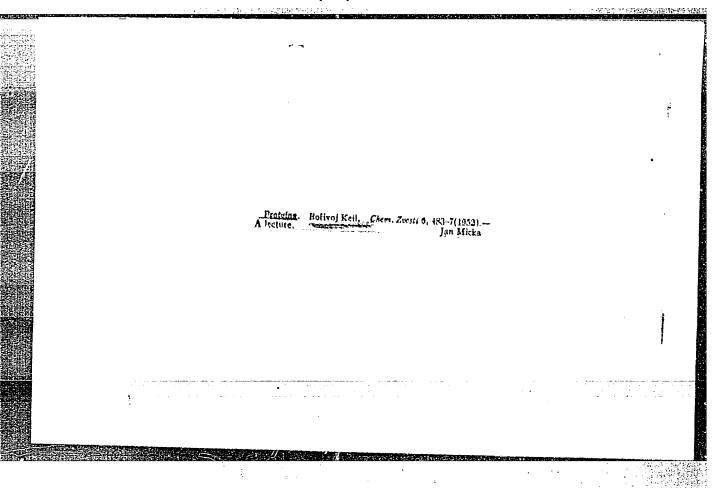


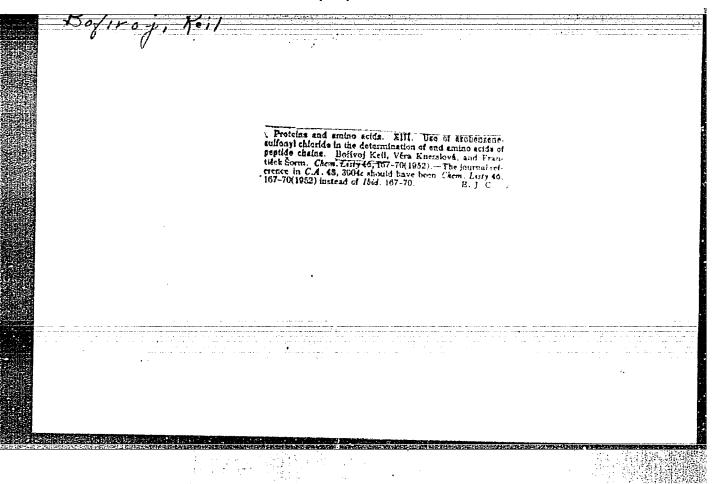












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Proteins and amino acids. All. Quantitative estimation of distrophenylated proteins. Rodinyl Rela. Madring the Market of the Mar

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Proteins. XXIX Oxidation of pancreatic proteases. p. 1837

Vol. 48, no. 12, Dec. 1954 CHEMICKE LISTY Praha, Czechoslovakia

So: Eastern European Accession Vol. 5, No. 4, 1956

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Proteins. XXIX. Oxidation of pancreatic proteases. In Russian. p. 471.

Vol. 20, no. 2, April 1955 SEORNIK CHEKHOSLOVATSKIKH KHIMICHESKIKH RABOT Praha, Czechoslovakia

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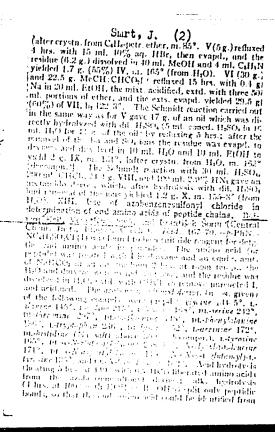
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Proteins and amino acids. XIII. Activation of chymotrypsinogen to chymotrypsin. František Šorm, Bolivoj ked, and Ivan Rychik (Central Chem. Inst., Frague, Crech.). (Am., Lity 96, 401–4(1972), cf. C. d. 40, 1128/y.—On the basis of quant, paper chromatography of dinitrophenyl deriva. of amino acids, chymotrypsinogen (1) was found to contain no basic end group. Activation is followed by the formation of 2 amino groups (based on the mol. wt. 225(0)). In addn., a mixt. of tris to octapeptides is formed as a result of hydrolytic processes. Cryst. activatory pain consists of 2 or 3 proteins having the same proteolytic activity. During the crystn., the content of a form contg. I node of alanine and I mole of phenylalanine as end amino acids increases. Proteins with aspartic acid, serine, and threonine as end amino acids accumulate in the mother Inquors. Activation of I is based probably on the cleavage of cyclic peptidic chains which reveals the center of activity. XIV. Enzymic activity of dinitro derivatives of a chymotrypsin. Frantisck Sorm and Ivan Rychlik. Ibid. 405-8.—By the action of 1.2,4-Calls (NO). 150 mg. on lyophilized chymotrypsin (1) (300 mg. in a soin, contg. 30) mg. NaICCO, in 15 ml.—HigO), dinitrophenyl deriva, contg. 2, 4, and 7 dinitrophenyl

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groups per mod of I, resp., were people, purified by dish of and analyses by spectrostocometry. Professe and chowness activities drop with increasing tate of substitution, external activity of I contg. 2 dimitrophenyl groups is higher, that contg. 4 groups about the same, and that contg. 7 dimitrophenyl groups, per mol. of I lower than that of I. Michaelis coust, and man, reaction rate of I pure and I contg. 2, 4, and 7 dimitrophenyl groups, resp., are: 0.013, -0.0002, 0.0003, and 0.0018; 0.50, 0.40, 0.50, and 0.12. Tendency of synthesizing polypeptides of methianine from its Pr ester increases with increasing aut. of dimitrophenyl groups, XVI. Interaction of proteins with electrolytes. Vialimir Kačena and Luboh Matoulek. Ibid. 5.25-8; cf. C.A. 40, 11315g.—A dynamic equil, exist sin a system protein-metal long in which protein (serum albumin) represents a complexing agent of low diffusion const. This accounts for the fact that a wave showing the reduction of ions forming a complex with serum albumin is, at a certain pH, higher than that corresponding to the flow of ions in the complex.

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Proteins and aminoacids. XII. Synthesis of Conethyl.

Chem. Inst., Prygne, Czech.). Collections Czechoslow. Central
Communs. 18, 141-910934 English summary); cf. C.A.

27, 12458a; — After the failure of the Curtius degradation of
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1. Institut organicheskoy khimii Chekhoslovatskoy Akademii nauk, otdeleniye organicheskoy biokhimii. Praga. (Dinitrophenyl) (Albumin)

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On albumins and aminoacids. Part 15. Activation of chymotrypsinogen to chymotrypsin [with summary in German]. Sbor. Chekh.khim.rab. 18 no.2: 285-293 Ap 153.

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1. Department of Organic Biochemistry, Central Chemical Research Institute, Prague. (Chymotrypsin) (Methylation)

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Viruses I; isolation and chemical properties of Rous sarcoma.
Chekh. biol. 3 no.5:298-307 Nov 54.

1. Institut organicheskoy khimii ChSAN, organicheskaya biokhimiya,
Praga.

(VIRUSES,

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Rous sarcoma virus, isolation & chem.)
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Rous sarcoma virus, isolation & chem.)

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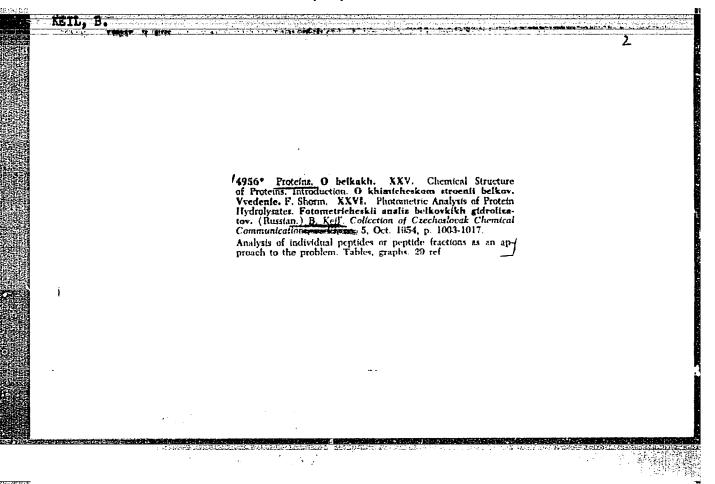
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1: Otdeleniye organicheskoy biokhimii, Institut organicheskoy khimii Chekhoslovatskoy Akademii nauk, Praga. (Phalloidine)

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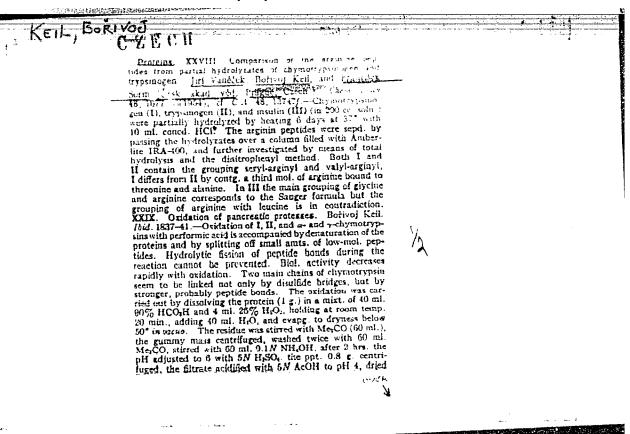
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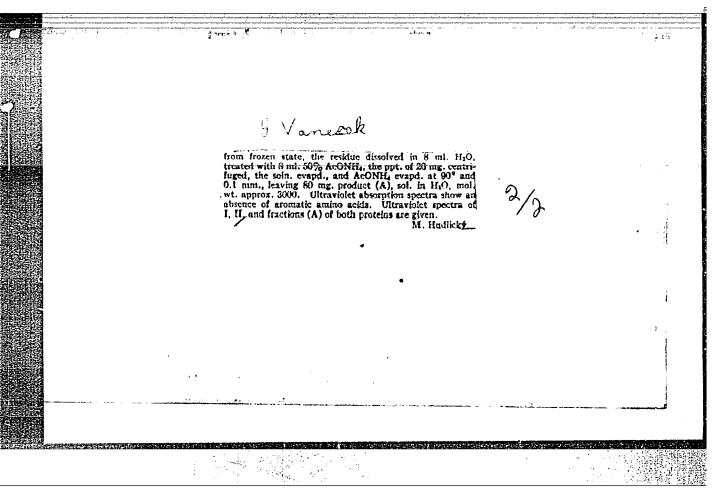
"Proteins. XXVII. Comparative study of acidic peptide fractions from partial hydrolyzates of chymotrypsin and trypsin." Ceskosloveska korfologie, Praha, Vol. 48, No. 5, May 1954, p. 735.

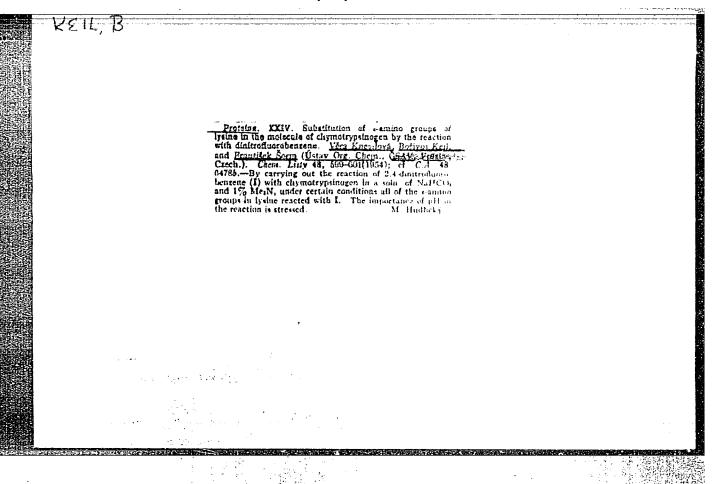
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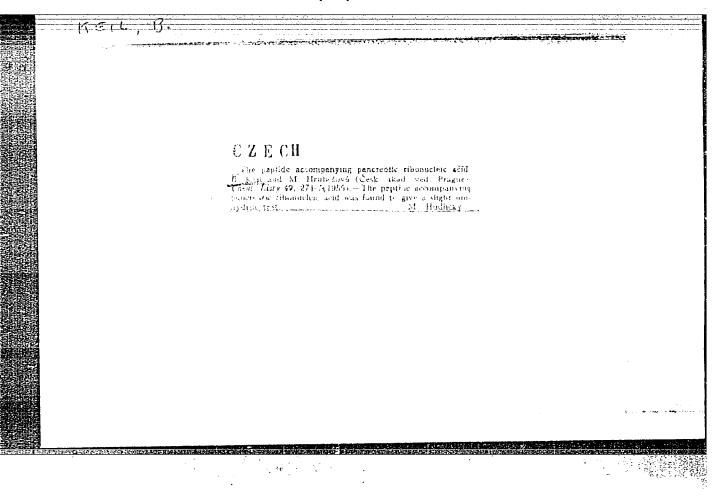
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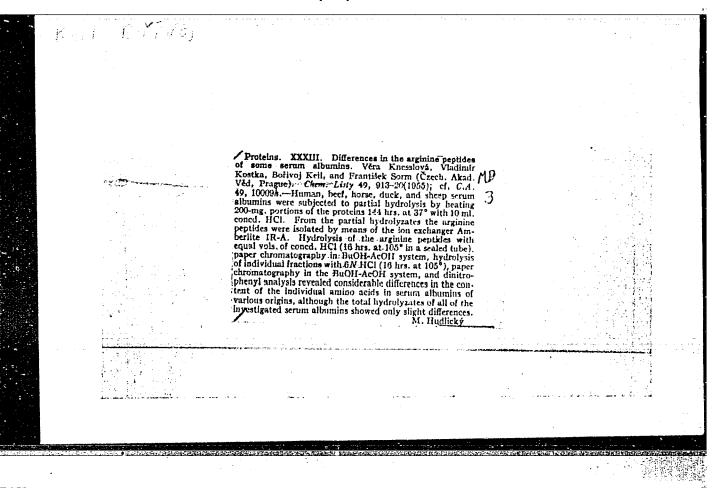
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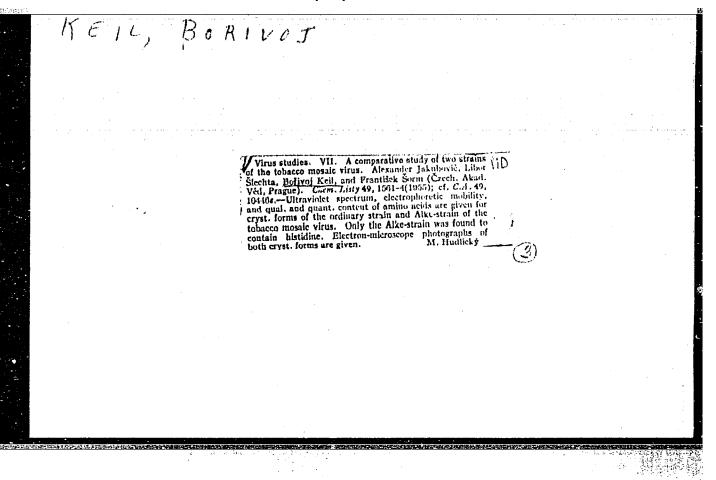


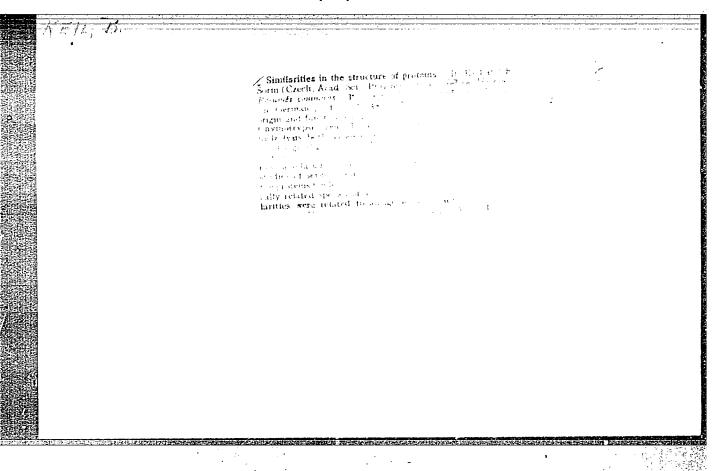










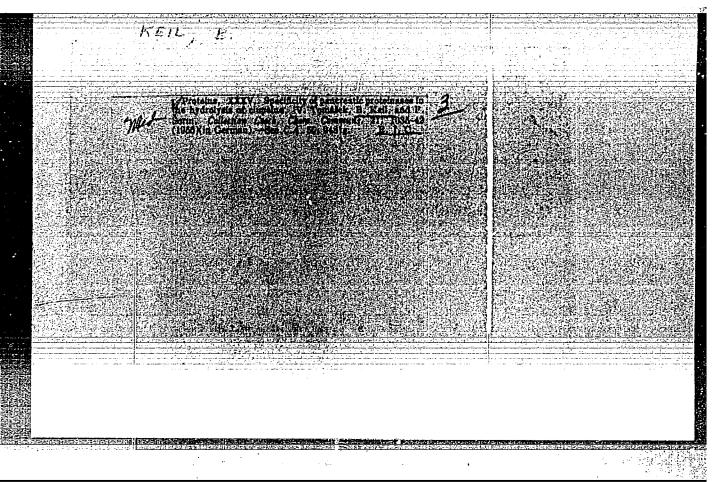


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KEYL', B.

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International conference on protein. Vop. med. khim. 3 no.1:74-77 Ja-F *57 (MIRA 10:4)

1. Khimicheskiy institut Chekhoslovatskoy akademii nauk, Praga. (PROTEINS)

KEIL, B.			
	AUTHORS: Sorm, P., Estl. B., Holeydovery, V., Meloun, B., ***ILLS: ***********************************	Gard 1/2 45300147107: Blochemické oddělení, Chemický ústav, Camboslovaká akodnie věd, Preha (Blochomistry Division, Institute of Chemistry, Czechomlovak Academy of Belence, Frague) 6UBMITTED: March 13, 1958	
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KEIL, B.; SUKE, F.; MAZIAE, F.

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SO: Monthly List of East European Accession (EEAL) Vol. 6, no. 7, July 1957. Uncl.

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Abs Jour: Ref Zhur.-Khimiya, 1958, No II

O. Mikes, J. Vanecek, B. Meloun, B. Keil, V. Kostka, J. Kara. Author:

Inst:

Tr Title:

Multiple-Chamber Appliance for the Preparative Electro-phoresis.

Chem. listy, 1957, 51, No 8, 1562-1569. Orig Pub:

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BOR, YEJ APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721420009-6"

CZECHOSLOVIKII. / Laboratory Equipment. Instruments, Theory, Construc- F tion, Uso.

: Rof Chur - Khim., No 15, 1958, No 50138 lbs Jour

: Kocont, Lloxandr; Brada, Zbynok; Koil, Borivoj. Luthor

: Not givon Inst

: Gravimotric Fraction Collector for Chromatography. Titlo

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1. Department of Biochemistry, Chemical Institute, Czechoslovak Academy of Science, Prague.

(Proteins) (Peptides) (Aspartic acid) (Glutamic acid) (Chymotrypsin(gen)

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VANECEK, J.; KEIL, B.; MELOUN, B.; SORM, F.

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HEYROVSKY, Jaroslav, dr., akademik, nositel Nobelovy ceny; JANAK, Jaroslav, inz.; VOLF, Milos Bohnslav, dr.; KEIL, Borivoj, Dr.Sc., laureat statni ceny; KOSSLER, Ivo, dr.

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AUTHORS:

Keil, B., Šorm, F.

TITLE:

On proteins, LXXI. An analysis of prote n structures from the

aspect of amino acid interchanges

PERIODICAL:

Referativnyy zhurnal, Fizika, no. 12, 1:62, 36 - 37, abstract 12D260

("Collect. Czechosl. Chem. Communs", no 5, 1962, v.27, 1310 - 1319,

English: summary in Russian)

TEXT: The series of amino acids is compared to various porteins to find the symmetry or a similarity in the arrangement of amino acids along the polypeptide chain by taking into consideration a possible substitution of one amino acid by another. By using the method of symbols, it was shown that the symmetry principle occurs rather frequently in the arrangement of amino acids. For ribonuclease and C cytochrome it was discovered that a definite series type is most frequently found, i.e., a major part of the protein is built from several main series. This is particularly clearly apparent in the case of α- and β-chains of hemoglobin. Part 70 see ref. 12D259.

[Abstracter's note: Complete translation] Inch. Organic Chemy Birchim, Cych AS, Pragu

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Czechoslovakia

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Czechoslovak

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Basio Characterization of the Proteinases and
Their Dependence on the Growth of the Tumour."

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1. Institute of Organic Chemistry and Biochemistry of the Czechoslovak Academy of Sciences, Prague. 2. Permanent address: Institute of Natural Substances of the Academy of Sciences of the U.S.S.R., Moscow (for Jegorov). 3. Advisory Board Chariman, "Collection of Czechoslovak Chemical Communications" (for Sorm). Submitted February 5, 1964.

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1. Microbiological Institute and Institute of Organic Chemistry and Blochemistry, Czechoslovak Academy of Sciences, Prague.

GERCHOSLOVAKIA

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1.Institute of Chemistry, Glovak Academy of Geneces, Bratislava - (for 1): 2. Institute of Organic Chemistry and Biochemistry, Osecheslovak Academy of Goiences, Frague - (for 1)

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1. Institute of Fuels, Freiberg, German Democratic Republic.

KEIL, Gerhard, dipl. chem.; MENZEL, N.; APEL, W.

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1.Research Worksite. Mineralolwerk National Enterprise, Lutzkendorf, German Democratic Republic.

